

PROCESS AND APPARATUS FOR CRYSTALLIZATION OF
POLYTRIMETHYLENE TEREPHTHALATE (PTT)

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Abstract of the Disclosure

Disclosed is a process for reducing the self-adhesiveness of polytrimethylene terephthalate pellets, which can be carried out in a continuous or batch manner comprising the steps of:

10 a) introducing polytrimethylene terephthalate pellets having an intrinsic viscosity of at least about 0.4 dl/g into a conduit containing a liquid which is moving through the conduit, thereby causing the pellets to move through the conduit with the liquid;

15 b) adjusting the temperature of the pellets and the liquid to a temperature of about 50 to about 95°C for a time sufficient to induce a degree of crystallinity of at least about 35% in the pellets; and

20 c) separating the pellets from the liquid.